

**PATIENT**

Sadie Thomas

SPECIES

Canine

BREED

Great Dane x

SEX

Spayed Female

AGE

6 Years

WEIGHT

113 lbs

INTERPRETED BYGreg Kuhlman, DVM,
DACVIM (SAIM)**IMAGING
PERFORMED BY**

Julia Bakker, DVM

HOSPITAL NAMEOrange Blossom
Veterinary Imaging**REFERRING VET**

Molly Caldwell, DVM

INVOICE

75400

DATE

5/22/26

PRESENTING CLINICAL SIGNS

The heart murmur is still present - grade 1/6. Elevated ALKP is of unknown origin.- Radiographs show an abdominal fullness and a rounded density that requires further investigation.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen.

The right kidney presents normal size (7.2 cm) with normal shape and architecture. Normal corticomedullary distinction. Non-obstructive linear multifocal hyperechoic diverticular foci with acoustic shadowing are noted.

The left kidney presents normal size (8.0 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

Adrenal Glands

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 12.5 mm and the caudal pole measures 7.7 mm.

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 5.1 mm and the caudal pole measures 5.8 mm.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

Liver is subjectively enlarged (swollen contour) without disruption of architecture. It has a normal homogenous echotexture. Parenchyma is diffusely hyperechoic characterized by less prominent than normal portal vein walls and increased echogenicity relative to the spleen and falciform fat. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.



PATIENT

Free Abdomen

Sadie Thomas

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

SPECIES

ULTRASONOGRAPHIC FINDINGS

Canine

- Right kidney mineralization, non-obstructive.
- Hyperechoic hepatomegaly.

BREED

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Great Dane x

The appearance of the liver is consistent with benign vacuolar hepatopathy, possibly due to secondary disease such as hyperadrenocorticism (not strongly suspected based off appearance of adrenal glands). Recommend urine cortisol to creatinine ratio to screen further for this disease. Consider also screening for hypertriglyceridemia, hypothyroidism, occult pancreatic or occult GI disease as causes for the benign vacuolar hepatopathy. If patient is not vaccinated for Leptospirosis, consider testing for this disease. No hepatic vascular dilation appreciated on this ultrasound, so right heart disease causing hepatic congestion is not highly suspected as a cause for the elevated liver values.

SEX

Spayed Female

AGE

6 Years

WEIGHT

113 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Julia Bakker, DVM

HOSPITAL NAME

Orange Blossom
Veterinary Imaging

REFERRING VET

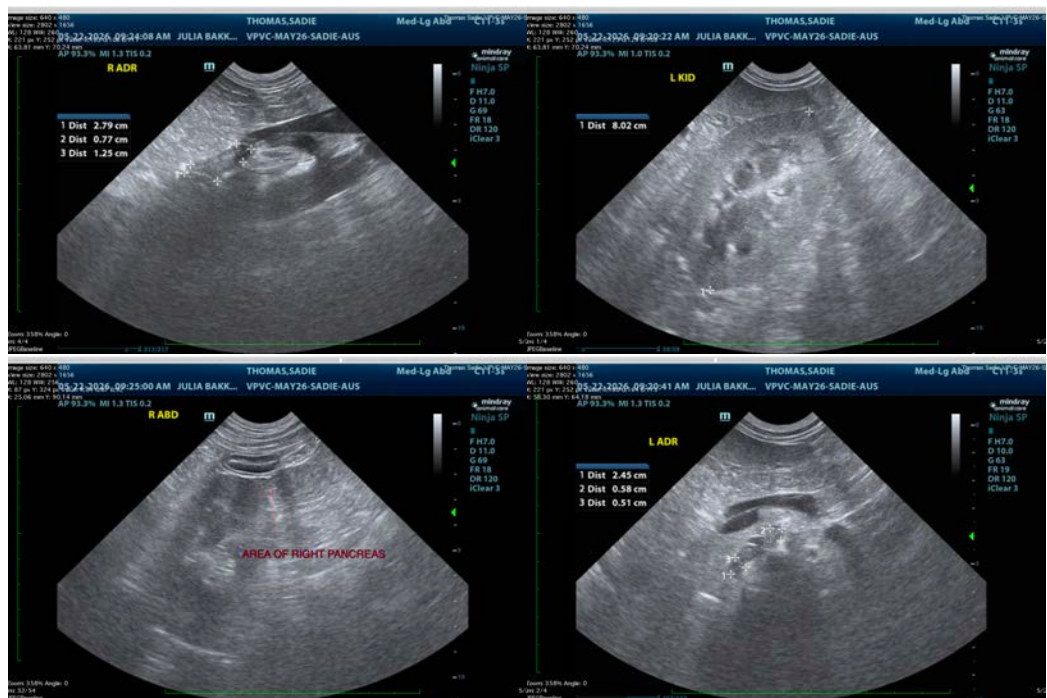
Molly Caldwell, DVM

INVOICE

75400

DATE

5/22/26





PATIENT

Sadie Thomas

SPECIES

Canine

BREED

Great Dane x

SEX

Spayed Female

AGE

6 Years

WEIGHT

113 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Julia Bakker, DVM

HOSPITAL NAME

Orange Blossom
Veterinary Imaging

REFERRING VET

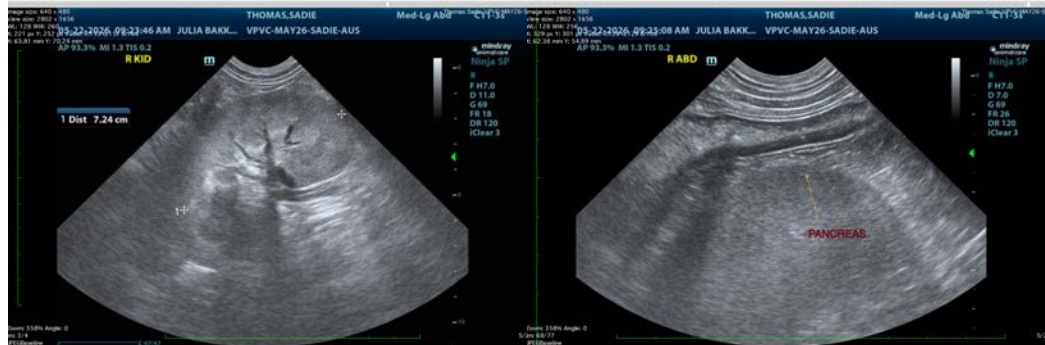
Molly Caldwell, DVM

INVOICE

75400

DATE

5/22/26



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Greg Kuhlman, DVM, DACVIM (SAIM)

Veterinary Internal Medicine Specialist

info@SonoPath.com